

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	82	("20020110818" "20020119455" "20020187508" "20020197639" "20030059822" "20030215864" "20030235854" "20040009612" "20040166025" "20040214211" "20040235014" "20050042665" "20050112595" "20050112606" "20050112620" "20050112671" "20050123944" "20050123974" "20050142595" "20050153354" "20050196790" "20050221408" "4737454" "4873187" "4959309" "5525465" "5629178" "5955590" "6110676" "6165720" "6197513" "6210896" "6225063" "6263286" "6280946" "6287772" "6312894" "6355420" "6403311" "6696022" "6762059" "6772070" "6790671" "6927065").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/04/05 15:59
S2	44	("20020110818" "20020119455" "20020187508" "20020197639" "20030059822" "20030215864" "20030235854" "20040009612" "20040166025" "20040214211" "20040235014" "20050042665" "20050112595" "20050112606" "20050112620" "20050112671" "20050123944" "20050123974" "20050142595" "20050153354" "20050196790" "20050221408" "4737454" "4873187" "4959309" "5525465" "5629178" "5955590" "6110676" "6165720" "6197513" "6210896" "6225063" "6263286" "6280946" "6287772" "6312894" "6355420" "6403311" "6696022" "6762059" "6772070" "6790671" "6927065").PN.	US-PGPUB; USPAT	OR	ON	2006/05/18 10:54
S3	42	gilmanshin.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 16:30
S4	57	GILMANSHIN GILMANSHIN-ET-AL GILMANSHIN-R GILMANSHIN-RUDOLF	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 16:31
S5	14	GILMANSHIN GILMANSHIN-ET-AL GILMANSHIN-R GILMANSHIN-RUDOLF	USPAT	OR	ON	2006/05/17 16:31

## EAST Search History

S6	2022	(oligonucleotide or DNA or RNA or nucleic or PNA or LNA or (locked adj1 nucleic adj1 acid) or (peptide adj1 nucleic adj1 acid)) near5 (conjugat\$4) near5 (protein or enzyme or polymerase or nuclease or ligase or helicase or endonuclease or exonuclease)	USPAT	OR	ON	2006/05/18 16:28
S7	1030	(oligonucleotide or DNA or RNA or nucleic or PNA or LNA or (locked adj1 nucleic adj1 acid) or (peptide adj1 nucleic adj1 acid)) near3 (conjugat\$4) near3 (protein or enzyme or polymerase or nuclease or ligase or helicase or endonuclease or exonuclease)	USPAT	OR	ON	2006/05/18 11:17
S8	1030	(oligonucleotide or DNA or RNA or nucleic or PNA or LNA or (locked adj1 nucleic adj1 acid) or (peptide adj1 nucleic adj1 acid)) near3 (conjugat\$4) near3 (protein or enzyme or polymerase or nuclease or ligase or helicase)	USPAT	OR	ON	2006/05/18 11:03
S9	71403	(oligonucleotide or DNA or RNA or nucleic or PNA or LNA or ((locked adj1 nucleic adj1 acid) or (peptide adj1 nucleic adj1 acid)) near3 (conjugat\$4) near3 (protein or enzyme or polymerase or nuclease or ligase or helicase)) NOT (antisense or anti-sense)	USPAT	OR	ON	2006/05/18 11:03
S10	41776	(oligonucleotide or DNA or RNA or nucleic or PNA or LNA or ((locked adj1 nucleic adj1 acid) or (peptide adj1 nucleic adj1 acid)) near3 (conjugat\$4) near3 (protein or enzyme or polymerase or nuclease or ligase or helicase)) AND (hybridiz\$8)	USPAT	OR	ON	2006/05/18 11:04
S11	39186	(oligonucleotide or DNA or RNA or nucleic or PNA or LNA or ((locked adj1 nucleic adj1 acid) or (peptide adj1 nucleic adj1 acid)) near3 (conjugat\$4) near3 (protein or enzyme or polymerase or nuclease or ligase or helicase)) same (hybridiz\$8)	USPAT	OR	ON	2006/05/18 11:04

## EAST Search History

S12	34772	(oligonucleotide or DNA or RNA or nucleic or PNA or LNA or ((locked adj1 nucleic adj1 acid) or (peptide adj1 nucleic adj1 acid)) near3 (conjugat\$4) near3 (protein or enzyme or polymerase or nuclease or ligase or helicase)) near8 (hybridiz\$8)	USPAT	OR	ON	2006/05/18 11:04
S13	441	S7 same (hybridiz\$8)	USPAT	OR	ON	2006/05/18 11:04
S14	69	S7 near8 (hybridiz\$8)	USPAT	OR	ON	2006/05/18 11:16
S15	0	S7 near8 (hybridiz\$8)	US-PGPUB	OR	ON	2006/05/18 11:16
S16	1451	(oligonucleotide or DNA or RNA or nucleic or PNA or LNA or (locked adj1 nucleic adj1 acid) or (peptide adj1 nucleic adj1 acid)) near3 (conjugat\$4) near3 (protein or enzyme or polymerase or nuclease or ligase or helicase or endonuclease or exonuclease)	US-PGPUB; EPO; JPO; DERWENT	OR	ON	2006/05/18 11:17
S17	50	S16 near5 hybridiz\$8	US-PGPUB; EPO; JPO; DERWENT	OR	ON	2006/05/18 11:17
S18	314	(PNA or LNA or (locked adj1 nucleic adj1 acid) or (peptide adj1 nucleic adj1 acid)) near5 (conjugat\$4) near5 (protein or enzyme or polymerase or nuclease or ligase or helicase or endonuclease or exonuclease)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 11:21
S19	1	(PNA or LNA or (locked adj1 nucleic adj1 acid) or (peptide adj1 nucleic adj1 acid)) near5 (conjugat\$4) near5 (polymerase or nuclease or ligase or helicase or endonuclease or exonuclease)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 11:21
S20	121	(PNA or LNA or (locked adj1 nucleic adj1 acid) or (peptide adj1 nucleic adj1 acid)) near5 (conjugat\$4) near5 (protein or enzyme or polymerase or nuclease or ligase or helicase or endonuclease or exonuclease)	USPAT	OR	ON	2006/05/18 11:22
S21	1	wo-200009757-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 11:26
S22	6	((polymerase) near5 (modif\$8 or variant or mutant or (non near2 functional) or inactive)) same conjugat\$4 same (hybridization)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 15:05

## EAST Search History

S23	5628	((polymerase) near5 (modif\$8 or variant or mutant or (non near2 functional) or inactive))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 15:05
S24	2745	((polymerase) near5 (modif\$8 or variant or mutant or (non near2 functional) or inactive))	USPAT	OR	ON	2006/05/18 15:05
S25	0	((polymerase) near5 (modif\$8 or variant or mutant or (non near2 functional) or inactive)) near5 conjug\$4 near5 (nucleic or DNA or RNA or oligonucleotide or polynucleotide or PNA or (peptide adj1 nucleic adj1 acid) or (locked adj1 nucleic adj1 acid))	USPAT	OR	ON	2006/05/18 15:06
S26	0	((polymerase or nucleicase) near5 (modif\$8 or variant or mutant or (non near2 functional) or inactive)) near5 conjug\$4 near5 (nucleic or DNA or RNA or oligonucleotide or polynucleotide or PNA or (peptide adj1 nucleic adj1 acid) or (locked adj1 nucleic adj1 acid))	USPAT	OR	ON	2006/05/18 15:07
S27	8	((polymerase or nuclease) near5 (modif\$8 or variant or mutant or (non near2 functional) or inactive)) near5 conjug\$4 near5 (nucleic or DNA or RNA or oligonucleotide or polynucleotide or PNA or (peptide adj1 nucleic adj1 acid) or (locked adj1 nucleic adj1 acid))	USPAT	OR	ON	2006/05/18 15:07
S28	86	(polymerase or nuclease) near3 conjug\$4 near5 (nucleic or DNA or RNA or oligonucleotide or polynucleotide or PNA or (peptide adj1 nucleic adj1 acid) or (locked adj1 nucleic adj1 acid))	USPAT	OR	ON	2006/05/18 15:45
S29	12	photocleaving adj agent	USPAT	OR	ON	2006/05/18 15:15
S30	718588	(inactive or (non adj1 functional) or modified) near3 (enzyme) near3 conjugat\$4 (nucleic or RNA or DNA or oligonucleotide or (peptide adj nucleic adj acid) or (locked adj nucleic or acid))	USPAT	OR	ON	2006/05/18 15:46
S31	718588	(inactive or (non adj1 functional) or modified) adj3 (enzyme) near3 conjugat\$4 (nucleic or RNA or DNA or oligonucleotide or (peptide adj nucleic adj acid) or (locked adj nucleic or acid))	USPAT	OR	ON	2006/05/18 15:52

## EAST Search History

S32	0	(inactive or (non adj1 functional) or modified) adj3 (enzyme) adj3 conjugat\$4 adj3 (nucleic or RNA or DNA or oligonucleotide or (peptide adj nucleic adj acid) or (locked adj nucleic or acid))	USPAT	OR	ON	2006/05/18 15:47
S33	24	(inactive or (non adj1 functional) or modified) near3 (enzyme) near3 conjugat\$4 near3 (nucleic or RNA or DNA or oligonucleotide or (peptide adj nucleic adj acid) or (locked adj nucleic or acid))	USPAT	OR	ON	2006/05/18 15:50
S34	1278	(inactive or (non adj1 functional) or modified) adj3 (polymerase or nuclease)	USPAT	OR	ON	2006/05/18 15:50
S35	90	(inactive or (non adj1 functional) or modified) adj3 (polymerase or nuclease) same hybridization	USPAT	OR	ON	2006/05/18 15:50
S36	0	(inactive or (non adj1 functional) or modified) adj3 (polymerase or nuclease) same hybridization same conjugate	USPAT	OR	ON	2006/05/18 15:51
S37	3	(inactive or (non adj1 functional) or modified) adj3 (polymerase or nuclease) same hybridization same conjugated	USPAT	OR	ON	2006/05/18 15:51
S38	2355018	(inactive or (non adj1 functional) or modified) adj3 (polymerase) near3 conjugat\$4 (nucleic or RNA or DNA or oligonucleotide or (peptide adj nucleic adj acid) or (locked adj nucleic or acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 15:52
S39	0	(inactive or (non adj1 functional) or modified) adj3 (polymerase) near3 conjugat\$4 near3 (nucleic or RNA or DNA or oligonucleotide or (peptide adj nucleic adj acid) or (locked adj nucleic or acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 15:53
S40	4	(inactive or (non adj1 functional) or modified) adj3 (polymerase or nuclease) near3 conjugat\$4 near3 (nucleic or RNA or DNA or oligonucleotide or (peptide adj nucleic adj acid) or (locked adj nucleic or acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 15:53

## EAST Search History

S41	28	(inactive or (non adj1 functional) or modified) adj3 (polymerase or nuclease or ligase or enzyme) near3 conjugat\$4 near3 (nucleic or RNA or DNA or oligonucleotide or (peptide adj nucleic adj acid) or (locked adj nucleic or acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 15:54
S42	124	(polymerase or nuclease) near3 conjugat\$4 near3 (nucleic or RNA or DNA or oligonucleotide or (peptide adj nucleic adj acid) or (locked adj nucleic or acid))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 15:55
S43	0	S42 same (inactive or non-functional or nonfunctional)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 15:55
S44	0	S42 same (inactive or inactivated or non-functional or nonfunctional)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 15:55
S45	13	S42 same (inactive or inactivated or non-functional or nonfunctional or modified)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 15:57
S46	50	S42 AND ((enzyme or polymerase or nuclease) near5 (inactive or inactivated or non-functional or nonfunctional or modified))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 16:27
S47	0	(oligonucleotide or DNA or RNA or nucleic or PNA or LNA or (locked adj1 nucleic adj1 acid) or (peptide adj1 nucleic adj1 acid)) near5 (conjugat\$4) near5 (photocleav?)	USPAT	OR	ON	2006/05/18 16:28
S48	14	(oligonucleotide or DNA or RNA or nucleic or PNA or LNA or (locked adj1 nucleic adj1 acid) or (peptide adj1 nucleic adj1 acid)) near5 (conjugat\$4) near5 (photocleav\$4)	USPAT	OR	ON	2006/05/18 16:28
S49	11	("5401631"   "5434048"   "5610060"   "5654418"   "5712095"   "5958689"   "5985563").PN. OR ("6280946").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 08:13

## EAST Search History

S50	166	HYLDIG-JENS-MARTIN-HOVMOELLE R HYLDIG-JMH HYLDIG-J-M-H HYLDIG-NELSON HYLDIG-NELSON-ET-AL HYLDIG-NIELSEN HYLDIG-NIELSEN-ET-AL HYLDIG-NIELSEN-J HYLDIG-NIELSEN-JENS HYLDIG-NIELSEN-JENS-J HYLDIG-NIELSEN-JENS-JOERGEN HYLDIG-NIELSEN-JENS-JOERGEN HYLDIG-NIELSEN-JENS-JORGEN "HYLDIG-NIELSEN-JENS-J. O-SLASHED.RGEN" HYLDIG-NIELSEN-J-J HYLDIG-NIELSON HYLDIG-NIELSON-ET-AL HYLDIG-NIELSON-JENS-J HYLDIG-NIELSON-J-J	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 08:14
S51	97	S50 and "435".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 08:14
S52	83	S51 and polymerase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 08:14
S53	75	S51 and polymerase and pna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 08:15
S54	94	S51 and (pna near3 conjugat\$4 (enzyme or polymerase or nuclease))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 08:15
S55	82	S51 and (pna near3 conjugat\$4 (enzyme)) and (polymerase or nuclease)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 08:17
S56	71	S51 and (pna near3 conjugat\$4 (enzyme)) and (enzyme same (polymerase nuclease))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 08:55
S57	0	((pna or oligonucleotide or nucleic) near3 conjugat\$4 near5 (nuclease or polymerase)) same (inactive or non-functional or nonfunctional)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 08:57
S58	95	((pna or oligonucleotide or nucleic) near3 conjugat\$4 near5 (nuclease or polymerase))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 09:19



## EAST Search History

S59	49	((pna or oligonucleotide or nucleic) near3 conjugat\$4 near5 (nuclease or polymerase))	USPAT	OR	ON	2006/05/19 08:57
S60	46	((pna or oligonucleotide or nucleic) near3 conjugat\$4 near5 (nuclease or polymerase))	US-PGPUB; EPO; JPO; DERWENT	OR	ON	2006/05/19 09:23
S61	1	"6489116".pn.	US-PGPUB; EPO; JPO; DERWENT	OR	ON	2006/05/19 09:23
S62	2	"6489116".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 09:23
S63	2	"6355420".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 11:37